Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended):
A system for remote access to a telephone, the system comprising:

a communication device having a display, an input mechanism and a web browser, said communication device in a location remote from said telephone;

an information center comprising;

a local area network providing communication pathways within said information center;

a private branch exchange (PBX) system providing delivery of external and internal telephone calls and messaging to and from said information center;

a web server programmed to provide a <u>dynamic</u> web-based graphical user interface (GUI) accessible by said communication device; and

said telephone coupled to said local area network, said web server and said PBX system, <u>and</u> said telephone receives, from said PBX system, <u>an</u> information indicative of a telephone call; and

a web-based communication channel coupling said communication device and said information center to cause a remote access session,

whereby, <u>said communication device initiates said session by accessing said dynamic web-based GUI and</u> during said session, said communication device receives <u>and displays</u> said information indicative of said telephone call <u>from said PBX system via said dynamic web-based GUI, thereby transferring complete management functions of said information indicative of said telephone call to said communication device</u>.

Claim 2 (original): The system for remote access of claim 1, wherein said telephone comprises a multi-function desktop keyset.

Claim 3 (original): The system for remote access of claim 2, wherein said telephone further comprises a workstation coupled to said keyset.

Claim 4 (original): The system for remote access of claim 1, wherein said communication device comprises one of a cellular phone, a portable computer, an on-

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premise device, a personal digital assistant or a stationary computing device.

Claim 5 (original): The system for remote access of claim 1, wherein said web server comprises an authentication system.

Claim 6 (original): The system for remote access of claim 1, wherein said web-based GUI comprises a web page which when accessed prompts a security protocol on said server.

Claim 7 (original): The system for remote access of claim 6, wherein said security protocol comprises an authentication system.

Claim 8 (original): The system for remote access of claim 1, wherein during said session, said telephone is inoperable.

Claim 9 (original): The system for remote access of claim 1, wherein said telephone comprises a phantom extension.

Claim 10 (original): The system for remote access of claim 1, further comprising a unified messaging server (UMS) coupled to said PBX system.

Claim 11 (original): The system for remote access of claim 10, further comprising a database coupled to said UMS for storing a voice mail message.

Claim 12 (original): The system for remote access of claim 1, wherein said information indicative of a telephone call comprises real-time live communication.

Claim 13 (original): The system for remote access of claim 1, wherein said information indicative of a telephone call comprises a voicemail message.

Claim 14 (original): The system for remote access of claim 13, wherein said information comprises data to display said voicemail message on said display of said communication device.

Claim 15 (original): The system for remote access of claim 10, further comprising an OAI link coupling said UMS and said PBX system.

Claim 16 (original): The system for remote access of claim 15, wherein said OAI link comprises a plurality of channels.

Claim 17 (original): The system for remote access of claim 1, wherein said PBX system comprises an Internet protocol controller (IPC).

Claim 18 (original): The system for remote access of claim 17, further comprising a plurality of transmission packets comprising voice channel and call control information

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said local area network from said IPC.

Claim 19 (currently amended): The system for remote access of claim [[1]] 8,

wherein during said session, said telephone displays a notification of the inoperable

state.

Claim 20 (currently amended):

A system for establishing a remote access session [[to an office telephone]] between a

remote device and an office center via an Internet connection, the system comprising:

> [[an]] the office center comprising;-
>
> a messaging server configured to receive, store and cause a textual

display of a telephone-related event on a display of a communication device;

a private branch exchange (PBX) system receiving and delivering

external and internal voice calls to and from said [[information]] office center, said PBX

system coupled between a public switched telephone network (PSTN) and said

messaging server; and

> a web server coupled to said PBX system and said messaging server,

said web server programmed to provide a dynamic GUI website and accessible via the

world wide web; and

> [[a]] the remote device having a display, a function key and a web browser, said

remote device configured to access said website via the world wide web and cause

[[a]] the remote access session between said remote device and said [[information]]

office center, during said session, said remote device receiving said textual display of

said event via said dynamic GUI website on said remote device display, said function

key enabling a management of said event within said office center.

Claim 21 (original): The system of claim 20, wherein said communication device

comprises a keyset.

Claim 22 (original): The system of claim 21, wherein said communication device

further comprises a workstation coupled to said keyset.

Claim 23 (original): The system of claim 20, wherein said remote device comprises

one of a cellular phone, a portable computer, an on-premise device, a personal digital

assistant or a stationary computing device.

Claim 24 (original): The system of claim 20, further comprising an OAI link between

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said messaging server and said PBX system.

Claim 25 (original): The system of claim 24, wherein said OAI link comprises a plurality of channels.

Claim 26 (original): The system of claim 24, wherein said information transmitted on said OAI link is compressed.

Claim 27 (original): The system of claim 20, wherein said event comprises a voice mail message.

Claim 28 (original): The system of claim 20, wherein said event comprises a real-time telephone call.

Claim 29 (currently amended): The system of claim 20, wherein said web site comprise a visual selection corresponding to said [information] office center and upon selection, a bi-directional path is established between said remote communication device and said messaging server.

Claim 30 (currently amended): The system of claim 29, further comprising a command from said message server to said PBX system to disable said communication device within said [[information]] office center.

Claim 31 (currently amended):

A system for establishing a remote access session to an office telephone via an Internet connection, the system comprising:

an office center comprising;

a web server having a protocol conversion software and a dynamic GUI website stored thereon;

a network providing communication pathways within said office center;

a private branch exchange (PBX) system having a plurality of station ports and configured to receive and deliver a telephone call to said office telephone via at least one of said ports; and

an Internet protocol controller (IPC) coupled to said PBX system and configured to translate telephone-related information related to said office telephone into one or more packets for transmission over said network to said web server; and

a web-compliant portable communication device having a display and a web browser, during said session, said device displaying said dynamic GUI website and

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said web browser having a conversion software for bi-directional conversion of data transceived between said portable communication device and said web server [[during said session]],

whereby, said portable communication device couples to said network and to one of said ports and receives said telephone call in real-time.

Claim 32 (original): The system of claim 31, wherein said office telephone comprises a multi-function desktop keyset.

Claim 33 (currently amended): The system of claim [[33]] 32, wherein said office telephone further comprises a workstation coupled to said keyset.

Claim 34 (original): The system of claim 31, wherein said packets comprises compressed speech and text.

Claim 35 (original): The system of claim 31, wherein said IPC comprises a plurality of appearances corresponding to an equal number of office telephones.

Claim 36 (original): The system of claim 35, wherein said IPC comprises 8 appearances.

Claim 37 (original): The system of claim 31, wherein said conversion software on said web browser downloaded form said web server to said portable communication device.

Claim 38 (original): The system of claim 31, wherein said office telephone comprises a phantom extension.

Claim 39 (currently amended):

A method for remote access session to a telephone coupled to an office information center, said method comprising the steps of:

establishing a communications link between a remote client and the world-wide-web;

displaying a web page on said remote client;

from said web page, establishing a communications link to a port of a private branch exchange (PBX) system of said office information center, said port corresponding to a pre-existing link to said telephone;

constructing a web page model of said telephone viewable on said remote client, said web page model comprising a representation of a plurality of functions available on said telephone;

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coupling a telephone-related event from said PBX to said remote client;

terminating said communications links between said remote client and said office information center; and

updating said telephone functions in accordance with any alterations made [[by]] from said web page model of said telephone displayed on said remote client.

Claim 40 (original): The method for remote access of claim 39, wherein said telephone comprises accesses to one of a keyset, a workstation coupled to a keyset, or a phantom extension.

Claim 41 (original): The method for remote access of claim 39, wherein said step of establishing a communications link to a port of said PBX system comprises the steps of:

establishing a communications link to a messaging server of said office information center; and

establishing a link between said messaging server and said PBX system.

Claim 42 (original): The method for remote access of claim 41, wherein said link between said messaging server and said PBX system comprises an OAI link.

Claim 43 (original): The method for remote access of claim 42, further comprising the step of transferring data representative of said plurality of functions over said OAI link.

Claim 44 (currently amended): The method for remote access of claim 39, further comprising the step of compressing data representative of [[said]] an incoming call prior to routing said call to said remote client.

Claim 45 (original): The method for remote access of claim 39, further comprising the step of establishing a link to a web page server having said web page stored thereon.

Claim 46 (original): The method for remote access of claim 39, wherein said step of establishing a communications link to a port of said PBX system comprise the steps of:

establishing a communications link between said remote client and a local area network of said office information center; and

establishing a link to a Internet protocol controller (IPC) of said PBX system.

Claim 47 (currently amended): The method for remote access of claim [[46]] 44, further comprising the step of translating said incoming call to a packet for transmission.

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Claim 48 (original): The method for remote access of claim 39, further comprising the step of routing a voice mail message stored on a database within said office information center to said remote client.

Claim 49 (original): The method for remote access of claim 48, further comprising the step of viewing said voice mail message on a display of said remote client.

Claim 50 (original): The method for remote access of claim 39, further comprising the step of displaying on a display of said telephone a notification that said telephone is disabled.

Claim 51 (original): The method for remote access of claim 39, further comprising the step of determining the type of remote client prior to displaying said web page.

Claim 52 (original): The method for remote access of claim 39, further comprising the step of authenticating said remote client.

Claim 53 (original): The method for remote access of claim 39, wherein said step of establishing a communications link between said remote client and the world-wide-web comprises activating a pre-programmed function key on said remote client.

Claim 54 (original): The method for remote access of claim 39, further comprising the step of disabling said plurality of functions available on said telephone and enabling said remote client to manage said functions.

Claim 55 (original): The method for remote access of claim 54, further comprising the step of restoring said port link to said telephone.

Claim 56 (original): The method for remote access of claim 39, wherein said coupling step comprises an incoming call received at said PBX.